

Bachelor of Information Technology (Machine Learning) (Honours) 2024 Study Planner



Science & Engineering

Semester 1 Start:

First Level	Semester 1	COMP1002 Fundamentals of Computational Intelligence	COMP1102 Computer Programming 1	ENGR1401 Professional Skills	STAT1121 Data Science
	Semester 2	COMP1711 Database Modelling and Information Management	MATH1701 Algebra and Functions	ENGR1762 Networks and Cybersecurity	Elective Topic
Second Level	Semester 1	COMP2031 Data Engineering	ENGR2871 Networking Fundamentals	COMP2812 Systems Software	Elective Topic
	Semester 2	COMP2030 Human Factors for Interactive and Web-Based Systems	ENGR2792 Software System Requirements and Design	COMP2711 Computer Programming 2	COMP2712 Neural Networks and Machine Learning
Third Level	Semester 1	COMP3721 Information Security	ENGR3791 Software Testing and Quality Assurance	COMP3033 Cloud and Distributed Computing	ENGR7732 Estimation and Machine Learning
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 2	COMP9035 ICT Management and Professional Standards	COMP3742 Artificial intelligence	STEM3004 12 Week Industry Based Practicum	
Fourth Level	Semester 1	STEM7003 Research Methods for Engineering and ICT Honours	COMP7720 Advanced Studies in Computing A	COMP7721 Advanced Studies in Computing B	STEM7004A Honours Research Project (4.5/13.5 units)
	Semester 2	STEM7004B Honours Research Project (4.5/13.5 units)	STEM7004C Honours Research Project (4.5/13.5 units)	COMP7725 Advanced Studies in Computing C	ENGR9742 Systems Engineering

Semester 2 Start:

First Level	Semester 2	COMP1711 Database Modelling and Information Management	MATH1701 Algebra and Functions	ENGR1762 Networks and Cybersecurity	Elective Topic
	Semester 1	COMP1002 Fundamentals of Computational Intelligence	COMP1102 Computer Programming 1	ENGR1401 Professional Skills	STAT1121 Data Science
Second Level	Semester 2	COMP2030 Human Factors for Interactive and Web-Based Systems	ENGR2792 Software System Requirements and Design	COMP2711 Computer Programming 2	COMP2712 Neural Networks and Machine Learning
	Semester 1	COMP2031 Data Engineering	ENGR2871 Networking Fundamentals	COMP2812 Systems Software	Elective Topic
	NS1	ENGR3750 Workplace Preparation 0 Units			
Third Level	Semester 2	COMP9035 ICT Management and Professional Standards	COMP3742 Artificial intelligence	STEM3004 12 Week Industry Based Practicum	
	Semester 1	COMP3721 Information Security	ENGR3791 Software Testing and Quality Assurance	COMP3033 Cloud and Distributed Computing	ENGR7732 Estimation and Machine Learning
Fourth Level	Semester 2	STEM7003 Research Methods for Engineering and ICT Honours	COMP7720 Advanced Studies in Computing A	ENGR9742 Systems Engineering	STEM7004A Honours Research Project (4.5/13.5 units)
	Semester 1	STEM7004B Honours Research Project (4.5/13.5 units)	STEM7004C Honours Research Project (4.5/13.5 units)	COMP7721 Advanced Studies in Computing B	COMP7725 Advanced Studies in Computing C

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)
Elective	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the program.

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au